

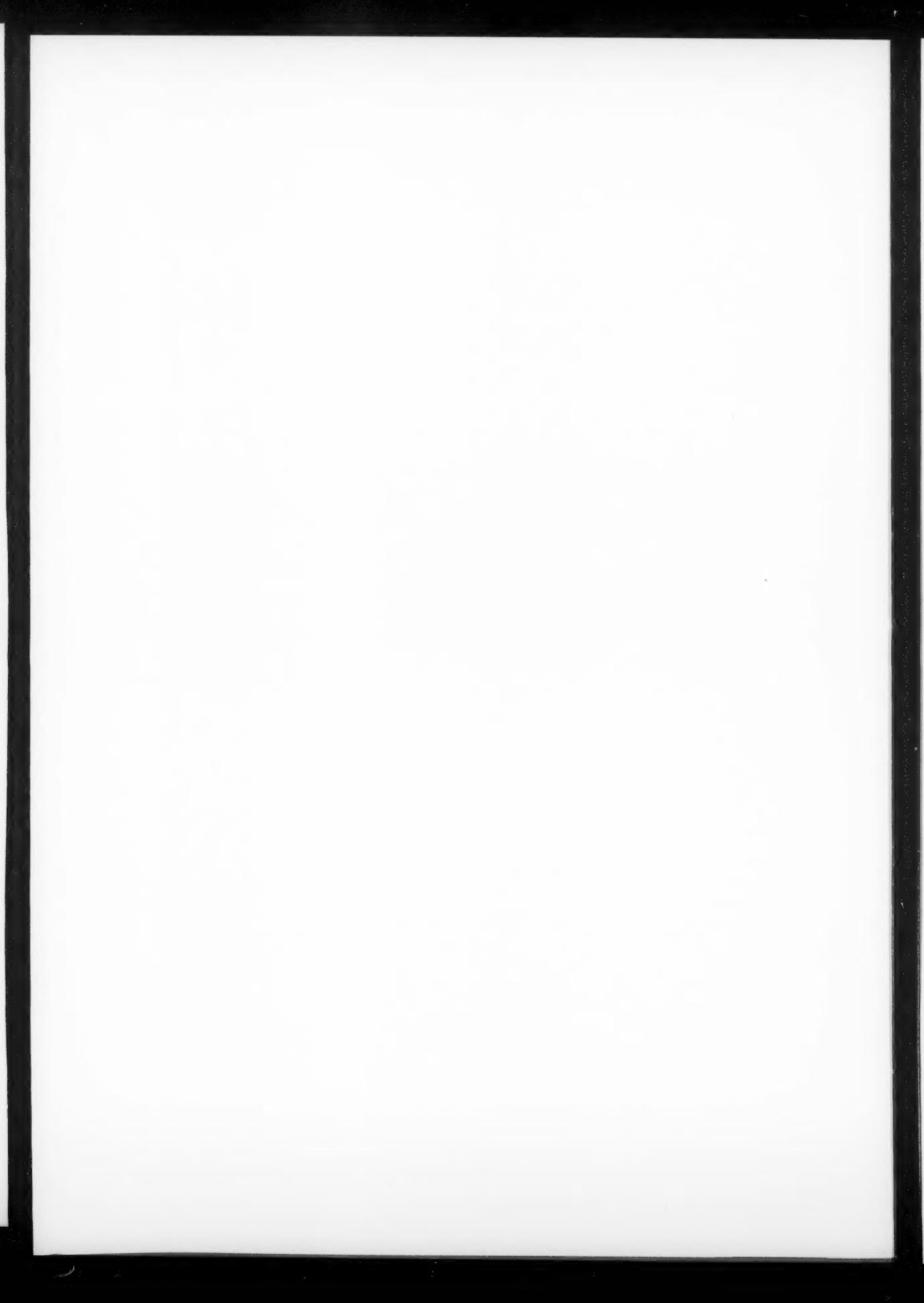
Author index

Volume 95 (2000)

- Abe, M., see Liu, J.-G., 189
- Ahn, D.-g., Ruvinsky, I., Oates, A.C., Silver, L.M., Ho, R.K., *tbx20*, a new vertebrate T-box gene expressed in the cranial motor neurons and developing cardiovascular structures in zebrafish, 253
- Alvarado-Mallart, R.-M., see Hidalgo-Sánchez, M., 225
- Alvarez, I.S., see Hidalgo-Sánchez, M., 225
- Andreadis, A., see Li, H., 283
- Andrews, J.E., O'Neill, M.J., Binder, M., Shioda, T., Sinclair, A.H., Isolation and expression of a novel member of the CITED family, 305
- Angelo, S., Lohr, J., Lee, K.H., Ticho, B.S., Breitbart, R.E., Hill, S., Yost, H.J., Srivastava, D., Conservation of sequence and expression of *Xenopus* and zebrafish dHAND during cardiac, branchial arch and lateral mesoderm development, 231
- Arcangeli, A., see Crociani, O., 239
- Arnold, H.-H., see Schneider, A., 163
- Arora, K., see Nguyen, M., 201
- Assefaw-Redda, Y., see Bettencourt, R., 301
- Batel, R., see Schröder, H.C., 219
- Beckers, J., Caron, A., Hrabé de Angelis, M., Hans, S., Campos-Ortega, J.A., Gossler, A., Distinct regulatory elements direct Delta1 expression in the nervous system and paraxial mesoderm of transgenic mice, 23
- Beckers, J., Schlautmann, N., Gossler, A., The mouse rib-vertebrae mutation disrupts anterior-posterior somite patterning and genetically interacts with a *Delta1* null allele, 35
- Bettencourt, R., Assefaw-Redda, Y., Faye, I., The insect immune protein hemolin is expressed during oogenesis and embryogenesis, 301
- Binder, M., see Andrews, J.E., 305
- Bogerd, J., see Braat, A.K., 271
- Braat, A.K., van de Water, S., Goos, H., Bogerd, J., Zivkovic, D., Vasa protein expression and localization in the zebrafish, 271
- Brand, T., see Schneider, A., 163
- Breitbart, R.E., see Angelo, S., 231
- Bubunenko, M., see MacArthur, H., 291
- Cai, C., see Chu, P.-H., 259
- Campos-Ortega, J.A., see Beckers, J., 23
- Caron, A., see Beckers, J., 23
- Catala, M., Ziller, C., Lapointe, F., Le Douarin, N.M., The developmental potentials of the caudalmost part of the neural crest are restricted to melanocytes and glia, 77
- Chaverri, J.M., see Kuhn, D.T., 297
- Chen, J., see Chu, P.-H., 259
- Chen, Y., see Wischnewski, J., 245
- Cherubini, A., see Crociani, O., 239
- Chu, P.-H., Ruiz-Lozano, P., Zhou, Q., Cai, C., Chen, J., Expression patterns of FHL/SLIM family members suggest important functional roles in skeletal muscle and cardiovascular system, 259
- Concha, M.L., see Rohr, K.B., 267
- Copp, A.J., see Henderson, D.J., 211
- Costa, L., see Crociani, O., 239
- Créau, N., see Thiery, E., 313
- Crociani, O., Cherubini, A., Piccini, E., Polvani, S., Costa, L., Fontana, L., Hofmann, G., Rosati, B., Wanke, E., Olivotto, M., Arcangeli, A., *erg* gene(s) expression during development of the nervous and muscular system of quail embryos, 239
- Damotte, D., see Thiery, E., 313
- Dawid, I.B., see Kondaiah, P., 207
- de Saint-Sauveur, N., see Thiery, E., 313
- Delezoide, A.-L., see Thiery, E., 313
- Dhouailly, D., see Fraboulet, S., 221
- Di Fiore, P.P., see Offenbächer, N., 309
- Dräger, U.C., see Li, H., 283
- Duarte, A., see Pissarra, L., 275
- Fallon, J.F., see Muñoz-Sanjuán, I., 101
- Faye, I., see Bettencourt, R., 301
- Fontana, L., see Crociani, O., 239
- Fraboulet, S., Schmidt-Petri, T., Dhouailly, D., Pourquié, O., Expression of DM-GRASP/BEN in the developing mouse spinal cord and various epithelia, 221
- Fujii, T., see Liu, J.-G., 189
- Fujita, M., see Kawano, T., 67
- Gebb, S., see Schwarz, M.A., 123
- Goos, H., see Braat, A.K., 271
- Gosset, P., see Thiery, E., 313
- Gossler, A., see Beckers, J., 23
- Gossler, A., see Beckers, J., 35
- Hackett Jr., P.B., see Kaufman, C.D., 147
- Hans, S., see Beckers, J., 23
- Henderson, D.J., Ybot-Gonzalez, P., Copp, A.J., RhoB is expressed in migrating neural crest and endocardial cushions of the developing mouse embryo, 211
- Henrique, D., see Pissarra, L., 275
- Hidalgo-Sánchez, M., Alvarado-Mallart, R.-M., Alvarez, I.S., *Pax2*, *Otx2*, *Gbx2* and *Fgf8* expression in early otic vesicle development, 225
- Hill, S., see Angelo, S., 231
- Ho, R.K., see Ahn, D.-g., 253
- Hofmann, G., see Crociani, O., 239
- Hollemann, T., see Wischnewski, J., 245
- Hongo, T., see Tanaka, Y., 133
- Hrabé de Angelis, M., see Beckers, J., 23
- Ishii, S., see Tanaka, Y., 133
- Itoh, N., see Ohuchi, H., 55

- Iwamoto, M., see Liu, J.-G., 189
- Jaenisch, R., see Lyko, F., 215
- Köster, R.W., Kühlein, R.P., Wittbrodt, J., Ectopic *Sox3* activity elicits sensory placode formation, 175
- Kato, J., see Liu, J.-G., 189
- Kaufman, C.D., Martínez-Rodríguez, G., Hackett Jr., P.B., Ectopic expression of *c-sk1* disrupts gastrulation and neural patterning in zebrafish, 147
- Kawano, T., Fujita, M., Sakamoto, H., Unique and redundant functions of SR proteins, a conserved family of splicing factors, in *Caenorhabditis elegans* development, 67
- Kimura, S., see Ohuchi, H., 55
- King, M.L., see MacArthur, H., 291
- Klapper, R., The longitudinal visceral musculature of *Drosophila melanogaster* persists through metamorphosis, 47
- Kondaiah, P., Taira, M., Vempati, U.D., Dawid, I.B., Transforming growth factor- β 5 expression during early development of *Xenopus laevis*, 207
- Krieg, P.A., see Vokes, S.A., 279
- Kruse, M., see Schröder, H.C., 219
- Kuhn, D.T., Chaverri, J.M., Persaud, D.A., Madjidi, A., Pair-rule genes cooperate to activate *en* stripe 15 and refine its margins during germ band elongation in the *D. melanogaster* embryo, 297
- Kühlein, R.P., see Köster, R.W., 175
- Kurisu, K., see Liu, J.-G., 189
- Lapointe, F., see Catala, M., 77
- Le Douarin, N.M., see Catala, M., 77
- Lee, K.H., see Angelo, S., 231
- Li, H., Wagner, E., McCaffery, P., Smith, D., Andreadis, A., Dräger, U.C., A retinoic acid synthesizing enzyme in ventral retina and telencephalon of the embryonic mouse, 283
- Liu, J.-G., Tabata, M.J., Fujii, T., Ohmori, T., Abe, M., Ohsaki, Y., Kato, J., Wakisaka, S., Iwamoto, M., Kurisu, K., Parathyroid hormone-related peptide is involved in protection against invasion of tooth germs by bone via promoting the differentiation of osteoclasts during tooth development, 189
- Lohr, J., see Angelo, S., 231
- Lu, X., see Zhang, Q., 113
- Lyko, F., Whittaker, A.J., Orr-Weaver, T.L., Jaenisch, R., The putative *Drosophila* methyltransferase gene *dDnmt2* is contained in a transposon-like element and is expressed specifically in ovaries, 215
- MacArthur, H., Bubunenko, M., Mosquera, L., King, M.L., DEADSouth is a germ plasm specific dead-box RNA helicase in *Xenopus* related to eIF4A, 291
- Madjidi, A., see Kuhn, D.T., 297
- Maekawa, T., see Tanaka, Y., 133
- Marracci, S., Rossi, C., Nardi, I., Identification of different forms of calpastatin mRNA co-expressed in the notochord of *Xenopus laevis* embryos, 249
- Martínez-Rodríguez, G., see Kaufman, C.D., 147
- Maschat, F., see Randsholt, N.B., 89
- McCaffery, P., see Li, H., 283
- Mosquera, L., see MacArthur, H., 291
- Müller, I.M., see Schröder, H.C., 219
- Müller, W.E.G., see Schröder, H.C., 219
- Muñoz-Sanjuán, I., Fallon, J.F., Nathans, J., Expression and regulation of chicken fibroblast growth factor homologous factor (FHF)-4 at the base of the developing limbs, 101
- Nakahata, T., see Tanaka, Y., 133
- Nardi, I., see Marracci, S., 249
- Naruse, I., see Tanaka, Y., 133
- Nathans, J., see Muñoz-Sanjuán, I., 101
- Nguyen, M., Parker, L., Arora, K., Identification of *maverick*, a novel member of the TGF- β superfamily in *Drosophila*, 201
- Oates, A.C., see Ahn, D.-g., 253
- Offenhäuser, N., Santolini, E., Simeone, A., Di Fiore, P.P., Differential patterns of expression of Eps15 and Eps15R during mouse embryogenesis, 309
- Ohmori, T., see Liu, J.-G., 189
- Ohsaki, Y., see Liu, J.-G., 189
- Ohuchi, H., Kimura, S., Watamoto, M., Itoh, N., Involvement of fibroblast growth factor (FGF)18-FGF8 signaling in specification of left-right asymmetry and brain and limb development of the chick embryo, 55
- Olivotto, M., see Crociani, O., 239
- O'Neill, M.J., see Andrews, J.E., 305
- Orr-Weaver, T.L., see Lyko, F., 215
- Parker, L., see Nguyen, M., 201
- Perissinotto, D., see Perris, R., 3
- Perris, R., Perissinotto, D., Role of the extracellular matrix during neural crest cell migration, 3
- Persaud, D.A., see Kuhn, D.T., 297
- Piccini, E., see Crociani, O., 239
- Pieler, T., see Wischnewski, J., 245
- Pissarra, L., Henrique, D., Duarte, A., Expression of *hes6*, a new member of the Hairy/Enhancer-of-split family, in mouse development, 275
- Polvani, S., see Crociani, O., 239
- Pourquié, O., see Fraboulet, S., 221
- Randsholt, N.B., Maschat, F., Santamaria, P., *polyhomeotic* controls *engrailed* expression and the *hedgehog* signaling pathway in imaginal discs, 89
- Rohr, K.B., Concha, M.L., Expression of *nk2.1a* during early development of the thyroid gland in zebrafish, 267
- Rosati, B., see Crociani, O., 239
- Rossi, C., see Marracci, S., 249
- Ruiz-Lozano, P., see Chu, P.-H., 259
- Ruvinsky, I., see Ahn, D.-g., 253
- Sakamoto, H., see Kawano, T., 67
- Santamaria, P., see Randsholt, N.B., 89
- Santolini, E., see Offenhäuser, N., 309
- Schlaudmann, N., see Beckers, J., 35
- Schmidt-Petri, T., see Fraboulet, S., 221
- Schneider, A., Brand, T., Zweigerdt, R., Arnold, H.-H., Targeted disruption of the *Nkx3.1* gene in mice results in morphogenetic defects of minor salivary glands: parallels to glandular duct morphogenesis in prostate, 163
- Schröder, H.C., Kruse, M., Batel, R., Müller, I.M., Müller, W.E.G., Cloning and expression of the sponge longevity gene *SDLAGL*, 219
- Schwarz, M.A., Zhang, F., Gebb, S., Starnes, V., Warburton, D., Endothelial Monocyte Activating Polypeptide II inhibits lung neovascularization and airway epithelial morphogenesis, 123
- Shioda, T., see Andrews, J.E., 305
- Silver, L.M., see Ahn, D.-g., 253
- Simeone, A., see Offenhäuser, N., 309
- Sinclair, A.H., see Andrews, J.E., 305
- Smith, D., see Li, H., 283
- Söltér, M., see Wischnewski, J., 245
- Srivastava, D., see Angelo, S., 231
- Starnes, V., see Schwarz, M.A., 123
- Tabata, M.J., see Liu, J.-G., 189
- Taira, M., see Kondaiah, P., 207
- Tanaka, Y., Naruse, I., Hongo, T., Xu, M.-J., Nakahata, T., Maekawa, T.,

- Ishii, S., Extensive brain hemorrhage and embryonic lethality in a mouse null mutant of CREB-binding protein, 133
- Thiery, E., Gosset, P., Damotte, D., Delezoide, A.-L., de Saint-Sauveur, N., Vayssettes, C., Créau, N., Developmentally regulated expression of the murine ortholog of the potassium channel KIR4.2 (KCNJ15), 313
- Ticho, B.S., see Angelo, S., 231
- van de Water, S., see Braat, A.K., 271
- Vayssettes, C., see Thiery, E., 313
- Vempati, U.D., see Kondaiah, P., 207
- Vokes, S.A., Krieg, P.A., *Gdf16*, a novel member of the growth/differentiation factor subgroup of the TGF- β superfamily, is expressed in the hindbrain and epibranchial placodes, 279
- Wagner, E., see Li, H., 283
- Wakisaka, S., see Liu, J.-G., 189
- Wanke, E., see Crociani, O., 239
- Warburton, D., see Schwarz, M.A., 123
- Watamoto, M., see Ohuchi, H., 55
- Whittaker, A.J., see Lyko, F., 215
- Wischnewski, J., Söltér, M., Chen, Y., Hollemann, T., Pieler, T., Structure and expression of *Xenopus karyopherin-β3*: definition of a novel synexpression group related to ribosome biogenesis, 245
- Wittbrodt, J., see Köster, R.W., 175
- Xu, M.-J., see Tanaka, Y., 133
- Ybot-Gonzalez, P., see Henderson, D.J., 211
- Yost, H.J., see Angelo, S., 231
- Zhang, F., see Schwarz, M.A., 123
- Zhang, Q., Lu, X., *semang* affects the development of a subset of cells in the *Drosophila* compound eye, 113
- Zhou, Q., see Chu, P.-H., 259
- Ziller, C., see Catala, M., 77
- Zivkovic, D., see Braat, A.K., 271
- Zweigerdt, R., see Schneider, A., 163



Subject index

Volume 95 (2000)

Acoustic-vestibular ganglion; *Pax2; Otx2; Gbx2; Fgf8;* Chick embryo; Otic placode; Gene expression pattern **95** 225

Activin; Drosophila; Transforming growth factor- β ; Bone morphogenetic proteins **95** 201

Aggregation; Sponges; Porifera; *Suberites domuncula*; Longevity assurance-like polypeptide; Gene expression; Evolution **95** 219

ALDH6; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; Mouse embryo **95** 283

Angiogenesis; Neovascularization; Pulmonary microvasculature; Lung morphogenesis; Endothelial Monocyte Activating Polypeptide II; Anti-angiogenesis **95** 123

Anterior-posterior somite patterning; Rib-vertebrae; Mouse; *Delta* **95** 35

Anti-angiogenesis; Neovascularization; Pulmonary microvasculature; Lung morphogenesis; Endothelial Monocyte Activating Polypeptide II; Angiogenesis **95** 123

Antisense; Parathyroid hormone-related peptide; Tooth development; Osteoclast **95** 189

Axial mesoderm; *c-ski*; Proto-oncogene; Zebrafish; Dorsal-ventral patterning; Neuroectoderm; BMP4 **95** 147

Axonal guidance; Fibroblast growth factor homologous factors; FGF-2; *talpid*²; *limbless* chicken mutant; *wingless* chicken mutant; Plexus formation **95** 101

BEN/SCI/DM-GRASP; Mouse embryo; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221

bHLH proteins; Hairy/Enhancer-of-split; Myogenesis; Notch signaling **95** 275

BMP4; *c-ski*; Proto-oncogene; Zebrafish; Dorsal-ventral patterning; Neuroectoderm; Axial mesoderm **95** 147

Bone morphogenetic proteins; Drosophila; Transforming growth factor- β ; Activin **95** 201

Brain development; Fibroblast growth factor; FGF; FGF18; FGF8; Left-right asymmetry; Limb development; FGFR3; Chick **95** 55

Brain; Calpastatin; Protease inhibitors; cDNAs; mRNA expression; In situ hybridization; *Xenopus laevis*; Development; Notochord **95** 249

Branchial arches; dHAND; eHAND; *Xenopus*; Zebrafish; Heart; Neural crest **95** 231

Branchial arches; TGF- β ; *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Gene expression; Somites; Cement gland; Notochord; Olfactory placode **95** 207

Caenorhabditis elegans; SR protein; Splicing; RNA interference; Embryogenesis; Germ cell development; Somatic gonad; Spermatogenesis **95** 67

Calpastatin; Protease inhibitors; cDNAs; mRNA expression; In situ hybridization; *Xenopus laevis*; Development; Notochord; Brain **95** 249

Cardiac hypertrophy; Four and half LIM domains; SLIM; MLP; Cardiovasculature; Skeletal muscle **95** 259

Cardiovasculature; Four and half LIM domains; SLIM; MLP; Skeletal muscle; Cardiac hypertrophy **95** 259

Caudal segments; Drosophila embryogenesis; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297

Caudal spinal cord; Neural crest; Secondary neurulation; *HNF3 β* ; *slug* **95** 77

CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; Chicken; Embryo; cCITED3; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somatic mesoderm; Mesonephric tubules; Wolfian duct; Collecting tubules; Cranial sensory ganglia **95** 305

cCITED3; Chicken; Embryo; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somatic mesoderm; Mesonephric tubules; Wolfian duct; Collecting tubules; Cranial sensory ganglia **95** 305

cDNAs; Calpastatin; Protease inhibitors; mRNA expression; In situ hybridization; *Xenopus laevis*; Development; Notochord; Brain **95** 249

Cell migration; Neural crest cells; Endocardial cushions; Heart; RhoB; Gene expression; Development; Mouse embryo; Epithelial-mesenchymal transformation **95** 211

Cell migration; Neural crest; Extracellular matrix; Morphogenesis; Pattern formation **95** 3

- Cement gland:** TGF- β ; *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Gene expression; Somites; Branchial arches; Notochord; Olfactory placode **95** 207
- Central cells:** Mouse embryo; BEN/SCI/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode **95** 221
- Chick embryo:** *Pax2*; *Otx2*; *Gbx2*; *Fgf8*; Otic placode; Acoustic-vestibular ganglion; Gene expression pattern **95** 225
- Chick:** Fibroblast growth factor; FGF; FGF18; FGF8; Left-right asymmetry; Brain development; Limb development; FGFR3 **95** 55
- Chicken:** Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Mesonephric tubules; Wolffian duct; Collecting tubules; Cranial sensory ganglia **95** 305
- cis-regulatory elements:** Delta1; *Dll1*; Promoter analysis; Mouse; Development; Transgenesis; *LacZ* reporter gene; *deltaD*; Sequence conservation **95** 23
- cloche:** Zebrafish; T-box genes; Lateral plate mesoderm; Heart; Cranial motor neurons; Dorsal aorta; *TBX20*; *H15*; *tbx-12* **95** 253
- Clonal analysis:** *Drosophila*; Metamorphosis; Visceral muscles; Midgut; GAL4; Green fluorescent protein; Single-cell transplantation **95** 47
- Co-activator CBP:** Homozygous mutant mice; Hemorrhage; Neural tube closure **95** 133
- Collecting tubules:** Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Mesonephric tubules; Wolffian duct; Cranial sensory ganglia **95** 305
- Cranial motor neurons:** Zebrafish; T-box genes; Lateral plate mesoderm; Heart; Dorsal aorta; *TBX20*; *H15*; *tbx-12*; *cloche* **95** 253
- Cranial sensory ganglia:** Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Mesonephric tubules; Wolffian duct; Collecting tubules **95** 305
- c-ski:** Proto-oncogene; Zebrafish; Dorsal-ventral patterning; Neuroectoderm; Axial mesoderm; BMP4 **95** 147
- dDnmt2:** Dnmt2; Methyltransferase; *Drosophila*; Imp4; Transposon; Ovaries; Nurse cells; Embryo **95** 215
- DEAD-box protein:** *Xenopus*; Germ plasm; Localized RNA; RNA-binding helicase; Spermatogenesis; eIF4A **95** 291
- Delta1:** *Dll1*; Promoter analysis; Mouse; Development; Transgenesis; *LacZ* reporter gene; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23
- Delta1:** Rib-vertebrae; Mouse; Anterior-posterior somite patterning **95** 35
- deltaD:** Delta1; *Dll1*; Promoter analysis; Mouse; Development; Transgenesis; *LacZ* reporter gene; Sequence conservation; *cis*-regulatory elements **95** 23
- Development:** Calpastatin; Protease inhibitors; cDNAs; mRNA expression; In situ hybridization; *Xenopus laevis*; Notochord; Brain **95** 249
- Development:** Delta1; *Dll1*; Promoter analysis; Mouse; Transgenesis; *LacZ* reporter gene; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23
- Development:** Neural crest cells; Endocardial cushions; Heart; RhoB; Gene expression; Mouse embryo; Cell migration; Epithelio-mesenchymal transformation **95** 211
- Developmental genes:** *Drosophila* embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- dHAND:** eHAND; *Xenopus*; Zebrafish; Heart; Branchial arches; Neural crest **95** 231
- Diencephalon:** Growth/differentiation factor; TGF- β ; Epibranchial placodes; *Gdf16*; Hindbrain **95** 279
- Dll1:** Delta1; Promoter analysis; Mouse; Development; Transgenesis; *LacZ* reporter gene; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23
- Dnmt2:** Methyltransferase; *Drosophila*; dDnmt2; Imp4; Transposon; Ovaries; Nurse cells; Embryo **95** 215
- Dorsal aorta:** Zebrafish; T-box genes; Lateral plate mesoderm; Heart; Cranial motor neurons; *TBX20*; *H15*; *tbx-12*; *cloche* **95** 253
- Dorsal root ganglia:** Mouse embryo; BEN/SCI/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221
- Dorsal-ventral patterning:** c-ski; Proto-oncogene; Zebrafish; Neuroectoderm; Axial mesoderm; BMP4 **95** 147
- Down syndrome:** Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Heart; Thymus; Perichondrium; Epithelium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313
- Drosophila embryogenesis:** Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- Drosophila:** Dnmt2; Methyltransferase; dDnmt2; Imp4; Transposon; Ovaries; Nurse cells; Embryo **95** 215
- Drosophila:** Metamorphosis; Visceral muscles; Midgut; Clonal analysis; GAL4; Green fluorescent protein; Single-cell transplantation **95** 47
- Drosophila:** polyhomeotic; *PcG* targets; Limb morphogenesis; Wing development; hedgehog signaling pathway **95** 89
- Drosophila:** Transforming growth factor- β ; Bone morphogenetic proteins; Activin **95** 201
- Duct morphogenesis:** Nkx3.1 transcription factor; Gene knock-out; Prostate and salivary glands; Epithelial hyperplasia **95** 163
- Ectopic sensory placodes:** Sox transcription factor; Lens development; Medaka **95** 175
- Egfr:** Eye development; Ras1; Src **95** 113
- eHAND:** dHAND; *Xenopus*; Zebrafish; Heart; Branchial arches; Neural crest **95** 231

elf4A; *Xenopus*; Germ plasm; Localized RNA; DEAD-box protein; RNA-binding helicase; Spermatogenesis **95** 291

Embryo; Chicken; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Mesonephric tubules; Wolffian duct; Collecting tubules; Cranial sensory ganglia **95** 305

Embryo; Dnmt2; Methyltransferase; *Drosophila*; dDnmt2; Imp4; Transposon; Ovaries; Nurse cells **95** 215

Embryogenesis; Hemolin gene expression; Insect development; Insect immunity; Oogenesis **95** 301

Embryogenesis; SR protein; Splicing; *Caenorhabditis elegans*; RNA interference; Germ cell development; Somatic gonad; Spermatogenesis **95** 67

Endocardial cushions; Neural crest cells; Heart; RhoB; Gene expression; Development; Mouse embryo; Cell migration; Epithelio-mesenchymal transformation **95** 211

Endocrine gland; Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Thymus; Perichondrium; Epithelium; Mesenchyme; In situ hybridization **95** 313

Endothelial Monocyte Activating Polypeptide II; Neovascularization; Pulmonary microvasculature; Lung morphogenesis; Angiogenesis; Anti-angiogenesis **95** 123

Engrailed; *Drosophila* embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped **95** 297

Epibranchial placodes; Growth/differentiation factor; TGF- β ; *Gdf16*; Hindbrain; Diencephalon **95** 279

Epithelia; Mouse embryo; BEN/SCI/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221

Epithelial hyperplasia; Nkx3.1 transcription factor; Gene knock-out; Prostate and salivary glands; Duct morphogenesis **95** 163

Epithelio-mesenchymal transformation; Neural crest cells; Endocardial cushions; Heart; RhoB; Gene expression; Development; Mouse embryo; Cell migration **95** 211

Epithelium; Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Thymus; Perichondrium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313

Eps15; Eps15R; Numb; Expression; Immunohistochemistry; Neurogenesis; Mouse embryo **95** 309

Eps15R; Eps15; Numb; Expression; Immunohistochemistry; Neurogenesis; Mouse embryo **95** 309

erg; HERG K⁺ channel; Quail embryo; Muscle development; Nervous system development **95** 239

Even-skipped; *Drosophila* embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Odd-skipped; Engrailed **95** 297

Evolution; Sponges; Porifera; *Suberites domuncula*; Longevity assurance-like polypeptide; Gene expression; Aggregation **95** 219

Expression pattern; Nuclear transport; Karyopherin- β 3; Ribosomal proteins; Synexpression group; *Xenopus laevis* **95** 245

Expression; Eps15; Eps15R; Numb; Immunohistochemistry; Neurogenesis; Mouse embryo **95** 309

Extracellular matrix; Neural crest; Cell migration; Morphogenesis; Pattern formation **95** 3

Eye development; Ras1; Egfr; Src **95** 113

Eyelids; Retinoic acid; Ventral retina; Optic stalk; Lens; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283

Fasciculation; Mouse embryo; BEN/SCI/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221

Fate map; Thyroid development; *TTF-1*; *nk2.1*; *Tif1*; Photoactivated fluorescein **95** 267

FGF; Fibroblast growth factor; FGF18; FGF8; Left-right asymmetry; Brain development; Limb development; FGFR3; Chick **95** 55

FGF18; Fibroblast growth factor; FGF; FGF8; Left-right asymmetry; Brain development; Limb development; FGFR3; Chick **95** 55

FGF-2; Fibroblast growth factor homologous factors; *talpid*²; *limbless* chicken mutant; *wingless* chicken mutant; Plexus formation; Axonal guidance **95** 101

FGF8; Fibroblast growth factor; FGF; FGF18; Left-right asymmetry; Brain development; Limb development; FGFR3; Chick **95** 55

Fgf8; *Pax2*; *Otx2*; *Gbx2*; Chick embryo; Otic placode; Acoustic-vestibular ganglion; Gene expression pattern **95** 225

FGFR3; Fibroblast growth factor; FGF; FGF18; FGF8; Left-right asymmetry; Brain development; Limb development; Chick **95** 55

Fibroblast growth factor homologous factors; FGF-2; *talpid*²; *limbless* chicken mutant; *wingless* chicken mutant; Plexus formation; Axonal guidance **95** 101

Fibroblast growth factor; FGF; FGF18; FGF8; Left-right asymmetry; Brain development; Limb development; FGFR3; Chick **95** 55

Floor plate; Mouse embryo; BEN/SCI/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221

Four and half LIM domains; SLIM; MLP; Cardiovasculature; Skeletal muscle; Cardiac hypertrophy **95** 259

Fushi tarazu; *Drosophila* embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Even-skipped; Odd-skipped; Engrailed **95** 297

GAL4; *Drosophila*; Metamorphosis; Visceral muscles; Midgut; Clonal analysis; Green fluorescent protein; Single-cell transplantation **95** 47

Gbx2; *Pax2*; *Otx2*; *Fgf8*; Chick embryo; Otic placode; Acoustic-vestibular ganglion; Gene expression pattern **95** 225

- Gdf16**; Growth/differentiation factor; TGF- β ; Epibranchial placodes; Hindbrain; Diencephalon **95** 279
- Gene expression pattern**; *Pax2*; *Otx2*; *Gbx2*; *Fgf8*; Chick embryo; Otic placode; Acoustic-vestibular ganglion **95** 225
- Gene expression patterns**; Drosophila embryogenesis; Caudal segments; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- Gene expression**; Neural crest cells; Endocardial cushions; Heart; Rhob; Development; Mouse embryo; Cell migration; Epithelial-mesenchymal transformation **95** 211
- Gene expression**; Sponges; Porifera; *Suberites domuncula*; Longevity assurance-like polypeptide; Aggregation; Evolution **95** 219
- Gene expression**; TGF- β ; *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Somites; Cement gland; Branchial arches; Notochord; Olfactory placode **95** 207
- Gene knock-out**; Nkx3.1 transcription factor; Prostate and salivary glands; Duct morphogenesis; Epithelial hyperplasia **95** 163
- Germ cell development**; SR protein; Splicing; *Caenorhabditis elegans*; RNA interference; Embryogenesis; Somatic gonad; Spermatogenesis **95** 67
- Germ plasm**; *Xenopus*; Localized RNA; DEAD-box protein; RNA-binding helicase; Spermatogenesis; eIF4A **95** 291
- Germline**; Vasa; Primordial germ cell; Zebrafish; Protein; Maternal; Nuage **95** 271
- Green fluorescent protein**; *Drosophila*; Metamorphosis; Visceral muscles; Midgut; Clonal analysis; GAL4; Single-cell transplantation **95** 47
- Growth/differentiation factor**; TGF- β ; Epibranchial placodes; *Gdf16*; Hindbrain; Diencephalon **95** 279
- H15**; Zebrafish; T-box genes; Lateral plate mesoderm; Heart; Cranial motor neurons; Dorsal aorta; *TBX20*; *tbx-12*; *cloche* **95** 253
- Hair placode**; Mouse embryo; BEN/SC1/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Central cells **95** 221
- Hairy/Enhancer-of-split**; Myogenesis; Notch signaling; bHLH proteins **95** 275
- Hairy**; Drosophila embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- Heart**; dHAND; eHAND; *Xenopus*; Zebrafish; Branchial arches; Neural crest **95** 231
- Heart**; Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Thymus; Perichondrium; Epithelium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313
- Heart**; Neural crest cells; Endocardial cushions; Rhob; Gene expression; Development; Mouse embryo; Cell migration; Epithelial-mesenchymal transformation **95** 211
- Heart**; Zebrafish; T-box genes; Lateral plate mesoderm; Cranial motor neurons; Dorsal aorta; *TBX20*; *H15*; *tbx-12*; *cloche* **95** 253
- hedgehog signaling pathway**; *Drosophila*; polyhomeotic; *PcG* targets; Limb morphogenesis; Wing development **95** 89
- Hemolin gene expression**; Embryogenesis; Insect development; Insect immunity; Oogenesis **95** 301
- Hemorrhage**; Co-activator CBP; Homozygous mutant mice; Neural tube closure **95** 133
- HERG K⁺ channel**; *erg*; Quail embryo; Muscle development; Nervous system development **95** 239
- Hindbrain**; Growth/differentiation factor; TGF- β ; Epibranchial placodes; *Gdf16*; Diencephalon **95** 279
- HNF3 β** ; Neural crest; Secondary neurulation; Caudal spinal cord; *slug* **95** 77
- Homozygous mutant mice**; Co-activator CBP; Hemorrhage; Neural tube closure **95** 133
- Immunohistochemistry**; Eps15; Eps15R; Numb; Expression; Neurogenesis; Mouse embryo **95** 309
- Imp4**; Dnmt2; Methyltransferase; *Drosophila*; dDnmt2; Transposon; Ovaries; Nurse cells; Embryo **95** 215
- In situ hybridization**; Calpastatin; Protease inhibitors; cDNAs; mRNA expression; *Xenopus laevis*; Development; Notochord; Brain **95** 249
- In situ hybridization**; Mouse embryo; BEN/SC1/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; Vibrissae; Hair placode; Central cells **95** 221
- In situ hybridization**; Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Thymus; Perichondrium; Epithelium; Mesenchyme; Endocrine gland **95** 313
- In situ whole-mount hybridization**; TGF- β ; *Xenopus laevis*; mRNA; Gene expression; Somites; Cement gland; Branchial arches; Notochord; Olfactory placode **95** 207
- Insect development**; Embryogenesis; Hemolin gene expression; Insect immunity; Oogenesis **95** 301
- Insect immunity**; Embryogenesis; Hemolin gene expression; Insect development; Oogenesis **95** 301
- Karyopherin- β 3**; Nuclear transport; Ribosomal proteins; Synexpression group; Expression pattern; *Xenopus laevis* **95** 245
- LacZ reporter gene**; Delta1; *Dll1*; Promoter analysis; Mouse; Development; Transgenesis; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23
- Lateral ganglionic eminence**; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Lateral plate mesoderm**; Zebrafish; T-box genes; Heart; Cranial motor neurons; Dorsal aorta; *TBX20*; *H15*; *tbx-12*; *cloche* **95** 253

Left-right asymmetry: Fibroblast growth factor; FGF; FGF18; FGF8; Brain development; Limb development; FGFR3; Chick **95** 55

Lens development: Sox transcription factor; Ectopic sensory placodes; Medaka **95** 175

Lens placode: Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283

Lens: Retinoic acid; Ventral retina; Optic stalk; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283

Limb development: Fibroblast growth factor; FGF; FGF18; FGF8; Left-right asymmetry; Brain development; FGFR3; Chick **95** 55

Limb morphogenesis: *Drosophila*; polyhomeotic; *PcG* targets; Wing development; *hedgehog* signaling pathway **95** 89

limbless chicken mutant: Fibroblast growth factor homologous factors; FGF-2; *talpid*²; wingless chicken mutant; Plexus formation; Axonal guidance **95** 101

Localized RNA: *Xenopus*; Germ plasm; DEAD-box protein; RNA-binding helicase; Spermatogenesis; eIF4A **95** 291

Longevity assurance-like polypeptide: Sponges; Porifera; *Suberites domuncula*; Gene expression; Aggregation; Evolution **95** 219

Lung morphogenesis: Neovascularization; Pulmonary microvasculature; Endothelial Monocyte Activating Polypeptide II; Angiogenesis; Anti-angiogenesis **95** 123

Maternal: Vasa; Primordial germ cell; Germline; Zebrafish; Protein; Nuage **95** 271

Medaka: Sox transcription factor; Ectopic sensory placodes; Lens development **95** 175

Melanocyte-specific gene (Msg1): Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Pre-somitic mesoderm; Mesonephric tubules; Wolfian duct; Collecting tubules; Cranial sensory ganglia **95** 305

Mesenchyme: Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Thymus; Perichondrium; Epithelium; Endocrine gland; In situ hybridization **95** 313

Mesonephric tubules: Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Wolfian duct; Collecting tubules; Cranial sensory ganglia **95** 305

Metamorphosis: *Drosophila*; Visceral muscles; Midgut; Clonal analysis; GAL4; Green fluorescent protein; Single-cell transplantation **95** 47

Methyltransferase: Dnmt2; *Drosophila*; dDnmt2; Imp4; Transposon; Ovaries; Nurse cells; Embryo **95** 215

Midgut: *Drosophila*; Metamorphosis; Visceral muscles; Clonal analysis; GAL4; Green fluorescent protein; Single-cell transplantation **95** 47

MLP: Four and half LIM domains; SLIM; Cardiovasculature; Skeletal muscle; Cardiac hypertrophy **95** 259

Morphogenesis: Neural crest; Extracellular matrix; Cell migration; Pattern formation **95** 3

Motor neuron: Mouse embryo; BEN/SCI/DM-GRASP; Spinal cord; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221

Mouse embryo: BEN/SCI/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221

Mouse embryo: Eps15; Eps15R; Numb; Expression; Immunohistochemistry; Neurogenesis **95** 309

Mouse embryo: Neural crest cells; Endocardial cushions; Heart; RhoB; Gene expression; Development; Cell migration; Epithelio-mesenchymal transformation **95** 211

Mouse embryo: Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6 **95** 283

Mouse embryogenesis: Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Thymus; Perichondrium; Epithelium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313

Mouse: Delta1; *Dll1*; Promoter analysis; Development; Transgenesis; *LacZ* reporter gene; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23

Mouse: Rib-vertebrae; *Delta1*; Anterior-posterior somite patterning **95** 35

mRNA expression: Calpastatin; Protease inhibitors; cDNAs; In situ hybridization; *Xenopus laevis*; Development; Notochord; Brain **95** 249

mRNA: TGF- β ; *Xenopus laevis*; In situ whole-mount hybridization; Gene expression; Somites; Cement gland; Branchial arches; Notochord; Olfactory placode **95** 207

Msg1-related gene (Mrg1): Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Pre-somitic mesoderm; Mesonephric tubules; Wolfian duct; Collecting tubules; Cranial sensory ganglia **95** 305

Muscle development: HERG K⁺ channel; *eag*; Quail embryo; Nervous system development **95** 239

Myogenesis: Hairy/Enhancer-of-split; Notch signaling; bHLH proteins **95** 275

Neovascularization: Pulmonary microvasculature; Lung morphogenesis; Endothelial Monocyte Activating Polypeptide II; Angiogenesis; Anti-angiogenesis **95** 123

Nervous system development: Muscle development; HERG K⁺ channel; *eag*; Quail embryo **95** 239

Neural crest cells: Endocardial cushions; Heart; RhoB; Gene expression; Development; Mouse embryo; Cell migration; Epithelio-mesenchymal transformation **95** 211

Neural crest: dHAND; eHAND; *Xenopus*; Zebrafish; Heart; Branchial arches **95** 231

Neural crest: Extracellular matrix; Cell migration; Morphogenesis; Pattern formation **95** 3

- Neural crest;** Secondary neurulation; Caudal spinal cord; *HNF3β; slug* **95** 77
- Neural tube closure;** Co-activator CBP; Homozygous mutant mice; Hemorrhage **95** 133
- Neuroectoderm;** *c-sk1*; Proto-oncogene; Zebrafish; Dorsal-ventral patterning; Axial mesoderm; *BMP4* **95** 147
- Neurogenesis;** Eps15; Eps15R; Numb; Expression; Immunohistochemistry; Mouse embryo **95** 309
- nk2.1*;** Thyroid development; *TTF-1; Titf-1*; Fate map; Photoactivated fluorescein **95** 267
- Nkx3.1 transcription factor;** Gene knock-out; Prostate and salivary glands; Duct morphogenesis; Epithelial hyperplasia **95** 163
- Notch signaling;** Hairy/Enhancer-of-split; Myogenesis; bHLH proteins **95** 275
- Notochord;** Calpastatin; Protease inhibitors; cDNAs; mRNA expression; In situ hybridization; *Xenopus laevis*; Development; Brain **95** 249
- Notochord;** TGF-β; *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Gene expression; Somites; Cement gland; Branchial arches; Olfactory placode **95** 207
- Nuage;** Vasa; Primordial germ cell; Germline; Zebrafish; Protein; Maternal **95** 271
- Nuclear transport;** Karyopherin-β3; Ribosomal proteins; Synexpression group; Expression pattern; *Xenopus laevis* **95** 245
- Numb;** Eps15; Eps15R; Expression; Immunohistochemistry; Neurogenesis; Mouse embryo **95** 309
- Nurse cells;** Dnmt2; Methyltransferase; *Drosophila*; dDnmt2; Imp4; Transposon; Ovaries; Embryo **95** 215
- Odd-skipped;** Drosophila embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Engrailed **95** 297
- Olfactory organ;** Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Olfactory placode;** Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Olfactory placode;** TGF-β; *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Gene expression; Somites; Cement gland; Branchial arches; Notochord **95** 207
- Oogenesis;** Embryogenesis; Hemolin gene expression; Insect development; Insect immunity **95** 301
- Optic stalk;** Retinoic acid; Ventral retina; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Osteoclast;** Parathyroid hormone-related peptide; Tooth development; Antisense **95** 189
- Otic placode;** *Pax2; Otx2; Gbx2; Fgf8*; Chick embryo; Acoustic-vestibular ganglion; Gene expression pattern **95** 225
- Otx2; Pax2; Gbx2; Fgf8*;** Chick embryo; Otic placode; Acoustic-vestibular ganglion; Gene expression pattern **95** 225
- Ovaries;** Dnmt2; Methyltransferase; *Drosophila*; dDnmt2; Imp4; Transposon; Nurse cells; Embryo **95** 215
- p35srj;** Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Mesonephric tubules; Wolffian duct; Collecting tubules; Cranial sensory ganglia **95** 305
- Pair rule genes;** Drosophila embryogenesis; Caudal segments; Gene expression patterns; Developmental genes; Hairy; Runt; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- Paired;** Drosophila embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Runt; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- Parathyroid hormone-related peptide;** Tooth development; Osteoclast; Antisense **95** 189
- Pattern formation;** Neural crest; Extracellular matrix; Cell migration; Morphogenesis **95** 3
- Pax2; Otx2; Gbx2; Fgf8*;** Chick embryo; Otic placode; Acoustic-vestibular ganglion; Gene expression pattern **95** 225
- PcG targets;** *Drosophila*; polyhomeotic; Limb morphogenesis; Wing development; hedgehog signaling pathway **95** 89
- Perichondrium;** Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Thymus; Epithelium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313
- Photoactivated fluorescein;** Thyroid development; *TTF-1; nk2.1; Titf-1*; Fate map **95** 267
- Piriform cortex;** Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Plexus formation;** Fibroblast growth factor homologous factors; FGF-2; *talpid²*; *limbless* chicken mutant; *wingless* chicken mutant; Axonal guidance **95** 101
- polyhomeotic;** *Drosophila*; *PcG* targets; Limb morphogenesis; Wing development; hedgehog signaling pathway **95** 89
- Porifera;** Sponges; *Suberites domuncula*; Longevity assurance-like polypeptide; Gene expression; Aggregation; Evolution **95** 219
- Potassium inwardly rectifying channel (KIR);** Mouse embryogenesis; Down syndrome; Heart; Thymus; Perichondrium; Epithelium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313
- Pre-somitic mesoderm;** Chicken; Embryo; cCITED3; CBP/p300-interacting transactivators with ED-rich tail (ED, glutamic acid and as; p35srj; Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Mesoneph-

- ric tubules; Wolffian duct; Collecting tubules; Cranial sensory ganglia **95** 305
- Primordial germ cell**; Vasa; Germline; Zebrafish; Protein; Maternal; Nuage **95** 271
- Promoter analysis**; Delta1; *Dll1*; Mouse; Development; Transgenesis; *LacZ* reporter gene; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23
- Prostate and salivary glands**; Nkx3.1 transcription factor; Gene knockout; Duct morphogenesis; Epithelial hyperplasia **95** 163
- Protease inhibitors**; Calpastatin; cDNAs; mRNA expression; In situ hybridization; *Xenopus laevis*; Development; Notochord; Brain **95** 249
- Protein**; Vasa; Primordial germ cell; Germline; Zebrafish; Maternal; Nuage **95** 271
- Proto-oncogene**; *c-ski*; Zebrafish; Dorsal-ventral patterning; Neuroectoderm; Axial mesoderm; BMP4 **95** 147
- Pulmonary microvasculature**; Neovascularization; Lung morphogenesis; Endothelial Monocyte Activating Polypeptide II; Angiogenesis; Anti-angiogenesis **95** 123
- Quail embryo**; HERG K⁺ channel; *eag*; Muscle development; Nervous system development **95** 239
- RALDH1**; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- RALDH2**; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH3; ALDH6; Mouse embryo **95** 283
- RALDH3**; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Ras1**; Eye development; Egfr; Src **95** 113
- Retinaldehyde dehydrogenase**; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Retinoic acid**; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- RhoB**; Neural crest cells; Endocardial cushions; Heart; Gene expression; Development; Mouse embryo; Cell migration; Epithelial-mesenchymal transformation **95** 211
- Ribosomal proteins**; Nuclear transport; Karyopherin- β 3; Synexpression group; Expression pattern; *Xenopus laevis* **95** 245
- Rib-vertebrae**; Mouse; *Delta1*; Anterior-posterior somite patterning **95** 35
- RNA interference**; SR protein; Splicing; *Caenorhabditis elegans*; Embryogenesis; Germ cell development; Somatic gonad; Spermatogenesis **95** 67
- RNA-binding helicase**; *Xenopus*; Germ plasm; Localized RNA; DEAD-box protein; Spermatogenesis; eIF4A **95** 291
- Runt**; Drosophila embryogenesis; Caudal segments; Gene expression patterns; Pair rule genes; Developmental genes; Hairy; Paired; Fushi tarazu; Even-skipped; Odd-skipped; Engrailed **95** 297
- Secondary neurulation**; Neural crest; Caudal spinal cord; *HNF3 β* ; *slug* **95** 77
- Septum**; Retinoic acid; Ventral retina; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283
- Sequence conservation**; Delta1; *Dll1*; Promoter analysis; Mouse; Development; Transgenesis; *LacZ* reporter gene; *deltaD*; *cis*-regulatory elements **95** 23
- Single-cell transplantation**; *Drosophila*; Metamorphosis; Visceral muscles; Midgut; Clonal analysis; GAL4; Green fluorescent protein **95** 47
- Skeletal muscle**; Four and half LIM domains; SLIM; MLP; Cardiovasculature; Cardiac hypertrophy **95** 259
- SLIM**; Four and half LIM domains; MLP; Cardiovasculature; Skeletal muscle; Cardiac hypertrophy **95** 259
- slug**; Neural crest; Secondary neurulation; Caudal spinal cord; *HNF3 β* **95** 77
- Somatic gonad**; SR protein; Splicing; *Caenorhabditis elegans*; RNA interference; Embryogenesis; Germ cell development; Spermatogenesis **95** 67
- Somites**; TGF- β ; *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Gene expression; Cement gland; Branchial arches; Notochord; Olfactory placode **95** 207
- Sox transcription factor**; Ectopic sensory placodes; Lens development; Medaka **95** 175
- Spermatogenesis**; SR protein; Splicing; *Caenorhabditis elegans*; RNA interference; Embryogenesis; Germ cell development; Somatic gonad **95** 67
- Spermatogenesis**; *Xenopus*; Germ plasm; Localized RNA; DEAD-box protein; RNA-binding helicase; eIF4A **95** 291
- Spinal cord**; Mouse embryo; BEN/SC1/DM-GRASP; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrissae; Hair placode; Central cells **95** 221
- Splicing**; SR protein; *Caenorhabditis elegans*; RNA interference; Embryogenesis; Germ cell development; Somatic gonad; Spermatogenesis **95** 67
- Sponges**; Porifera; *Suberites domuncula*; Longevity assurance-like polypeptide; Gene expression; Aggregation; Evolution **95** 219
- SR protein**; Splicing; *Caenorhabditis elegans*; RNA interference; Embryogenesis; Germ cell development; Somatic gonad; Spermatogenesis **95** 67
- Src**; Eye development; Ras1; Egfr **95** 113
- Suberites domuncula**; Sponges; Porifera; Longevity assurance-like polypeptide; Gene expression; Aggregation; Evolution **95** 219

Subpopulation: Mouse embryo; BEN/SC1/DM-GRASP; Spinal cord; Motor neuron; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Vibrisseae; Hair placode; Central cells **95** 221

Synexpression group: Nuclear transport; Karyopherin- β 3; Ribosomal proteins; Expression pattern; *Xenopus laevis* **95** 245

talpid²; Fibroblast growth factor homologous factors; FGF-2; *limbless* chicken mutant; *wingless* chicken mutant; Plexus formation; Axonal guidance **95** 101

T-box genes: Zebrafish; Lateral plate mesoderm; Heart; Cranial motor neurons; Dorsal aorta; *TBX20*; *H15*; *tbx-12*; *cloche* **95** 253

tbx-12: Zebrafish; T-box genes; Lateral plate mesoderm; Heart; Cranial motor neurons; Dorsal aorta; *TBX20*; *H15*; *cloche* **95** 253

TBX20: Zebrafish; T-box genes; Lateral plate mesoderm; Heart; Cranial motor neurons; Dorsal aorta; *H15*; *tbx-12*; *cloche* **95** 253

TGF- β : Growth/differentiation factor; Epibranchial placodes; *Gdf16*; Hindbrain; Diencephalon **95** 279

TGF- β : *Xenopus laevis*; In situ whole-mount hybridization; mRNA; Gene expression; Somites; Cement gland; Branchial arches; Notochord; Olfactory placode **95** 207

Thymus: Mouse embryogenesis; Potassium inwardly rectifying channel (KIR); Down syndrome; Heart; Perichondrium; Epithelium; Mesenchyme; Endocrine gland; In situ hybridization **95** 313

Thyroid development: *TTF-1*; *nk2.1*; *Titf-1*; Fate map; Photoactivated fluorescein **95** 267

Titf-1: Thyroid development; *TTF-1*; *nk2.1*; Fate map; Photoactivated fluorescein **95** 267

Tooth development: Parathyroid hormone-related peptide; Osteoclast; Antisense **95** 189

Transforming growth factor- β : *Drosophila*; Bone morphogenetic proteins; Activin **95** 201

Transgenesis: Delta1; *Dll1*; Promoter analysis; Mouse; Development; *LacZ* reporter gene; *deltaD*; Sequence conservation; *cis*-regulatory elements **95** 23

Transposon: Dnmt2; Methyltransferase; *Drosophila*; dDnmt2; Imp4; Ovaries; Nurse cells; Embryo **95** 215

TTF-1: Thyroid development; *nk2.1*; *Titf-1*; Fate map; Photoactivated fluorescein **95** 267

Vasa: Primordial germ cell; Germline; Zebrafish; Protein; Maternal; Nuage **95** 271

Ventral retina: Retinoic acid; Optic stalk; Lens; Eyelids; Lateral ganglionic eminence; Septum; Piriform cortex; Olfactory organ; Lens placode; Olfactory placode; Retinaldehyde dehydrogenase; RALDH1; RALDH2; RALDH3; ALDH6; Mouse embryo **95** 283

Vibrisseae: Mouse embryo; BEN/SC1/DM-GRASP; Spinal cord; Motor neuron; Subpopulation; Floor plate; Dorsal root ganglia; Fasciculation; Epithelia; In situ hybridization; Hair placode; Central cells **95** 221

Visceral muscles: *Drosophila*; Metamorphosis; Midgut; Clonal analysis; GAL4; Green fluorescent protein; Single-cell transplantation **95** 47

Wing development: *Drosophila*; *polyhomeotic*; *PcG* targets; Limb morphogenesis; *hedgehog* signaling pathway **95** 89

wingless chicken mutant: Fibroblast growth factor homologous factors; FGF-2; *talpid*²; *limbless* chicken mutant; Plexus formation; Axonal guidance **95** 101

Wolfian duct: Chicken; Embryo; cCITED3; CBP/p300-interacting trans-activators with ED-rich tail (ED, glutamic acid and as; p35sr); Melanocyte-specific gene (Msg1); Msg1-related gene (Mrg1); Pre-somitic mesoderm; Mesonephric tubules; Collecting tubules; Cranial sensory ganglia **95** 305

Xenopus laevis: Calpastatin; Protease inhibitors; cDNAs; mRNA expression; In situ hybridization; Development; Notochord; Brain **95** 249

Xenopus laevis: Nuclear transport; Karyopherin- β 3; Ribosomal proteins; Synexpression group; Expression pattern **95** 245

Xenopus laevis: TGF- β ; In situ whole-mount hybridization; mRNA; Gene expression; Somites; Cement gland; Branchial arches; Notochord; Olfactory placode **95** 207

Xenopus: dHAND; eHAND; Zebrafish; Heart; Branchial arches; Neural crest **95** 231

Xenopus: dHAND; eHAND; Zebrafish; Heart; Branchial arches; Neural crest **95** 231

Xenopus: Germ plasm; Localized RNA; DEAD-box protein; RNA-binding helicase; Spermatogenesis; eIF4A **95** 291

Zebrafish: c-ski; Proto-oncogene; Dorsal-ventral patterning; Neuroectoderm; Axial mesoderm; BMP4 **95** 147

Zebrafish: T-box genes; Lateral plate mesoderm; Heart; Cranial motor neurons; Dorsal aorta; *TBX20*; *H15*; *tbx-12*; *cloche* **95** 253

Zebrafish: Vasa; Primordial germ cell; Germline; Protein; Maternal; Nuage **95** 271

